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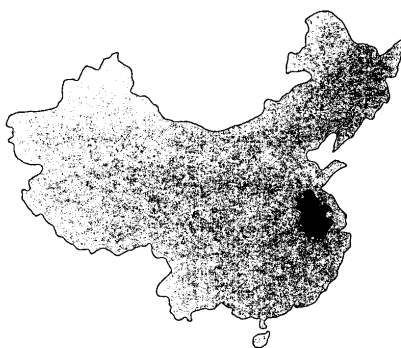
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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

**ANHWEI PROVINCE
CHINA**



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MISSILES

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25X1**I. ABSTRACT**

1. This report contains photo-derived information on Anhwei Province, China. All installations and facilities in this report are currently maintained in the Installation Data File of the National Base of Imagery Derived Information (NBIDI). The imagery used is inclusive through December 1973. The report consists of text, maps, tables, and photographs.

II. INTRODUCTION

2. Anhwei Province is a land-locked province in southeast China. The province covers 56,000 square miles and has a population of approximately 35 million. Anhwei is bordered on the north by Shantung Province, on the east by Kiangsu Province, on the southeast by Chekiang Province, on the south by Kiangsi Province, and on the west by Hupeh and Honan Provinces.

3. Anhwei was created in 1662 when Kiangnan was divided into Anhwei and Kiangsu Provinces. Two large rivers cross the province from the west to east; the Wei River in the north and the Yangtze River in the south divide the province into three parts. North of the Wei River is a low-lying plain with various tributaries of the Wei flowing from northwest to southeast. The area south of the Wei River and north of the Yangtze is a hilly region with the Ta-pieh-shan in the southwest rising to 5,500 feet (their average height is 1,600 feet); the eastern hills are lower, rising to a maximum of 630 feet. The Chao-hu Plain is very fertile and is crisscrossed by an elaborate network of canals which facilitates irrigation. The southern third of the province, south of the Yangtze River, is also covered with hills averaging around 2,000 feet high, with the highest being 5,400 feet. The climate of the province is mild and wet, particularly in the south.

4. Anhwei's leading urban centers are Wu-hu and An-ching on the Yangtze River in the south; Ho-fei, the provincial capital, in central Anhwei; and Pang-fou, the grain marketing center of northern Anhwei.

5. This report provides a summary of major developments in missile, air, ground forces, naval, electronics, industrial, storage, and transportation activity in Anhwei Province observed on KEYHOLE photography through December 1973. Tables, maps, and photographs are used to detail activity observed.

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III. TARGET CATEGORIES**A. Missiles (Figure III-A-2)****Surface-to-Surface Missiles**

6. Lien-keng-wang SSM Complex is in the southernmost part of Anhwei Province. The complex was first identified on photography when 14 launch sites were identified, including two probable sites and one possible site. The launch sites were situated along a main access road which extends for approximately 23 nautical miles (nm) northeast/southwest. The launch sites were from 0.5 to 5.0 nm apart and were in ravines off the main access road. Each of these first 14 launch sites consisted of a rectangular launch pad, an apron for positioning the transporter-erector, several adits into the side of the ravine, and from one to 25 support buildings. Cable scars observed at some sites connect the launch pad to an adit or bunker. Launch sites 4 (Figure III-A-1), 6, and 8 were under construction at that time. The entire complex was covered on photography. On this mission probable launch site 14 was confirmed and eight launch sites, designated 17 through 24, were newly identified in the southwestern section of the complex, near possible launch site 15. Launch sites 15 and 17 (site 16 designator not used) through 22 are in Kiangsi Province and are not included in this report. Table III-A-1 includes only those targets which are in Anhwei Province.

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Surface-to-Air Missiles

7. No surface-to-air missile (SAM) activity or related equipment have been observed in Anhwei Province.

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Shipborne Cruise Missiles

8. Wu-hu Shipyard produces HOKU PTGs which are fitted out with STYX missiles for armament. One HOMA class PTG has been built at Wu-hu but is not considered to be in series production. The HOMA also is armed with STYX missiles and is believed to be a hydrofoil unit.

Land-Based Cruise Missiles

9. No land-based cruise missiles have been observed in Anhwei Province.

Associated Electronics Activity

10. A probable space tracking facility at Liu-an is double-fence-secured and consists of two parabolic dish antennas [REDACTED] Each antenna is pedestal mounted. The support facility contains ten buildings.

Table III-A-1. Missile Activity, Anhwei Province, China
(Keyed to Figure III-A-2)

Item	Installation Name/ BE/Coordinates	Latest Equipment Observed	Description & Remarks
1	Lien-keng-wang SSM Support Facility [REDACTED] 30-20-49N 117-51-08E	[REDACTED] 1 prob CSS-2 transporter	The facility includes the area previously reported as Launch Site 11 [REDACTED] and consists of two drive-in bldgs (one beside the other), three garages, 60 support bldgs, and four adits.
2	Lien-keng-wang Fixed Field Position/SSM [REDACTED] 30-41-40N 117-53-40E	[REDACTED] 1 CSS-1 transporter- erector 1 transporter 1 A-frame crane 4 cryogen trailers 5 fuel trucks	The launch site consists of a square pad and three adits. The missile-ready tent reported as a drive-through building in [REDACTED] has been removed. The site was unoccupied on photography [REDACTED]

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Table III-A-1 (Continued)			
Item	Installation Name/BE/Coordinates	Latest Equipment Observed	Description & Remarks
3	Lien-keng-wang SSM Site 1 30-12-19N 117-44-47E	6 horizontal tanks	Launch Site 1 consists of a launch pad and apron, one poss drive-in bunker, two adits, a round sump, and nine support bldgs.
4	Lien-keng-wang SSM Site 2 30-10-25N 117-40-01E	3 poss CSS-1 fuel trucks 3 cargo trucks, each with a generator trailer 3 cryogen trailers 3 fuel trucks 3 cryogen trailers 1 CSS-1 launch stand (centered on launch pad)	Launch Site 2 consists of a launch pad and apron, four adits, a poss bunker, five horizontal tanks, and nine support bldgs.
5	Lien-keng-wang SSM Site 3 30-09-04N 117-38-58E	1 A-frame crane near pad	Launch Site 3 consists of a launch pad and apron, two drive-in bunkers, two adits, and 17 support bldgs.
6	Lien-keng-wang SSM Site 4 30-02-10N 117-36-35E	None	Launch Site 4 consists of a launch pad and apron, three adits, a drive-in bldg, and 20 support bldgs.
7	Lien-keng-wang SSM Site 5 30-06-52N 117-34-49E	None	Launch Site 5 consists of a launch pad and apron, two adits, a drive-through bldg, and 25 support bldgs. The site
8	Lien-keng-wang SSM Site 6 30-08-52N 117-34-16E	None	Launch Site 6 consists of a launch pad and apron, three adits, and 20 support bldgs.
9	Lien-keng-wang SSM Site 7 30-11-48N 117-42-14E	None	Launch Site 7 consists of a launch pad and apron, three adits, a drive-in bldg, and 12 support bldgs.
10	Lien-keng-wang SSM Site 8 30-04-46N 117-34-43E	None	Launch Site 8 consists of a launch pad and apron, two adits, and 20 support bldgs. The launch pad has been camouflaged.
11	Lien-keng-wang SSM Site 9 (Prob) 30-13-11N 117-48-11E	5 poss fuel trucks	Prob Launch Site 9 consists of a launch pad, two adits, a drive-in bldg, and 12 support bldgs.
12	Lien-keng-wang SSM Site 10 30-21-09N 117-55-00E	None	Launch Site 10 consists of a launch pad and apron, two adits, a drive-in bldg, a bunker, and 11 support bldgs.
13	Lien-keng-wang SSM Site 12 30-20-42N 117-53-00E	None	Launch Site 12 consists of two drive-in bunkers, five vehicle shelters, and 12 support bldgs. No launch pad can be identified.
14	Lien-keng-wang SSM Site 13 30-15-10N 117-50-17E	None	Launch Site 13 consists of a launch pad and apron, an adit, a sump, three bunkers, a drive-in bldg, and 12 support bldgs. The
15	Lien-keng-wang SSM Site 14 30-15-41N 117-49-57E	None	This launch site was identified on photography. The completed poss site consists of a levelled area and an adit. From the adit a curved vehicle track and an L-shaped cable car lead toward the levelled area. The floor of the ravine in this area had the appearance of having been camouflaged with vegetation.
16	Lien-keng-wang (Poss) SSM Site 23 29-52-40N 117-35-45E	None	This poss launch site was identified on photography. It consists of two support bldgs, three adits within a ravine, and 11 support bldgs south of the site access road as it enters the ravine.
17	Lien-keng-wang (Poss) SSM Site 24 29-59-15N 117-30-55E	None	This poss launch site was identified on photography. It consists of two support bldgs, three adits within a ravine, and 11 support bldgs south of the site access road as it enters the ravine.

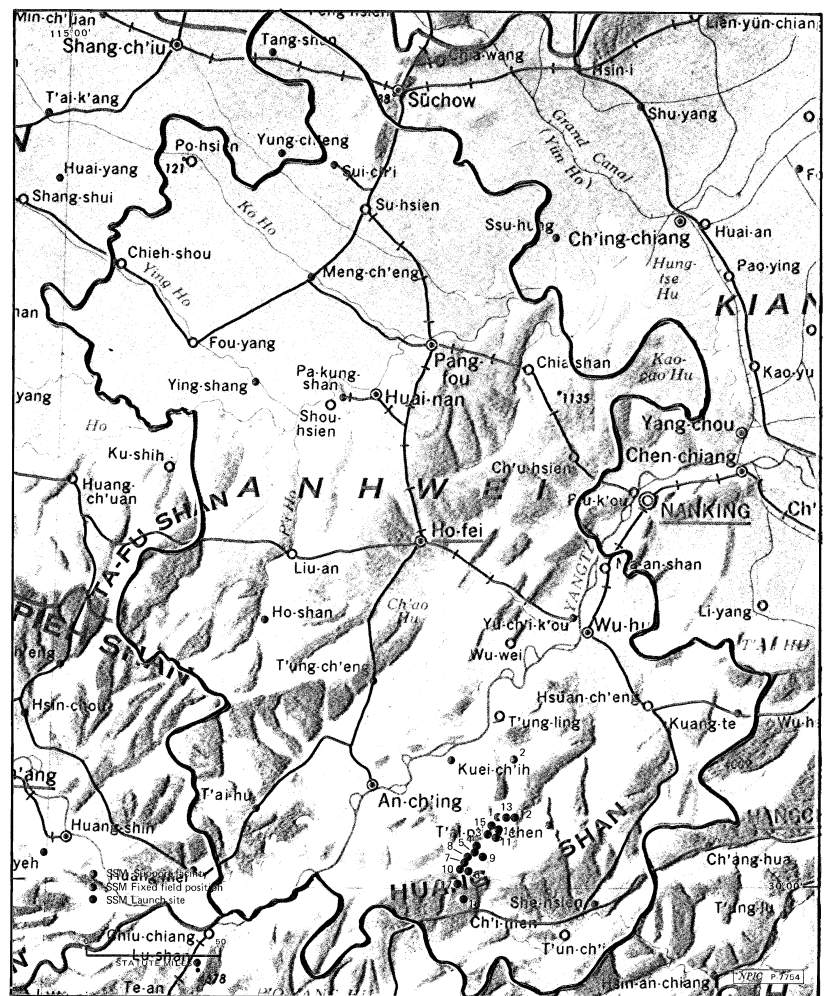


FIGURE III-A-2. MISSILE ACTIVITY, ANHWEI PROVINCE, CHINA

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B. Air

11. Anhwei Province is part of the Nan-ching Air District. Fourteen airfields have been identified in the province: one bomber airfield, one bomber/fighter airfield, two fighter airfields, eight transport airfields, and two airfields of unknown type under construction. Figure III-B-3 and Table III-B-1 detail the status of the airfields and the air activity observed [REDACTED]

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12. FARMER aircraft were observed at An-ching Airfield North for the first time [REDACTED]
[REDACTED] Wu-hu Airfield is shown in Figure III-B-1, and is the base for China's only FISHBED regiment. Sixteen FISHBED aircraft were observed there [REDACTED]

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13. Shih-tang-chiao Airfield (Figure III-B-2) is a BEAGLE base and has a probable ordnance handling facility of unusual design. The facility is approximately 2.7 nm south-southeast of the airfield's reference point.

14. Both Shih-tang-chiao Airfield and An-ching Airfield North have aircraft storage tunnels under construction.

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Table III-B-1. Air Activity, Anhwei Province, China
(Keyed to Figure III-B-3)

Item	Installation Name/ BE/Coordinates	Runway Dimensions (ft) and Orientation (surface material)	OB/Latest Photography	Remarks
1	Fou-yang Airfield 32-53-00N 115-46-00E	3,285 x 170 north-east/southwest graded-earth runway	None	Transport afd
2	Pang-fou Airfield 32-55-37N 117-21-55E	7,235 x 200 north-east/southwest concrete runway	22 FARMER 31 FAGOT/FRESCO	Fighter afd
3	Shih-pa chi Landing Strip 32-44-40N 118-03-40E	north/south grass strip	2 COLT	Transport afd
4	Ting-xuan Airfield 32-37-20N 117-43-25E	north/south graded- earth runway	None	Transport afd
5	Ho-chiu Airfield 32-20-22N 116-17-07E	1,965 x 355 north-north-east/ south-southwest graded earth runway	1 COLT	Transport afd
6	Shih-tang-chiao Airfield 31-54-29N 117-39-19E	5,530 x 162 north-east/southwest concrete runway	11 BEAGLE	The main runway is connected by taxiway to an aircraft storage tunnel. Bomber afd.
7	Ho-fei Airfield 31-52-19N 117-18-47E	3,960 x 100 north-east/southwest concrete runway	4 BEAVER 9 COLT 2 MAX/MOOSE	The four Canadian DHC2 Beaver light transport aircraft were ob- served at Ho-fei Airfield in Jul 1954. This was the first identification of BEAVER aircraft in China. Transport afd.
8	Ho-fei Airfield South 31-46-17N 117-18-06E	8,200 x Unknown north/south graded- earth runway	27 MAX	A former sod landing strip was in an initial stage of construc- tion on photograph. Unknown function.
9	Liu-an Airfield 31-37-00N 116-10-10E	8,300 x 180 northwest/southeast concrete runway	None	Not operational. Construction is nearing completion. Unknown function.
10	Wu-hu Airfield 31-23-28N 118-24-26E	7,220 x 200 east-northeast/west- southwest concrete runway	16 FISHBED 16 FAGOT/FRESCO 35 MAX/MOOSE 1 COACH 1 HOUND	This is the base for the only FISHBED regiment in China. Fighter afd.
11	Yan-shu Airfield 30-50-18N 118-35-22E	northwest/southeast graded-earth runway	None	Transport afd
12	An-ching Airfield North 30-34-48N 117-03-08E	8,525 x 175 northwest/southwest concrete runway	22 BEAGLE 6 FARMER 15 FAGOT/FRESCO 1 CAB	The main runway is connected by a fly-away taxiway to an aircraft storage tunnel. This was the first identification of FARMER aircraft at An-ching North. Bomber/fighter afd.
13	An-ching Airfield 30-31-17N 117-07-02E	6,580 x 100 west-northwest/east- southeast concrete taxiway/runway	2 COLT	Transport afd
14	Tan-chi Airfield 29-43-56N 118-15-44E	northwest/southwest graded-earth runway	2 COLT	Transport afd

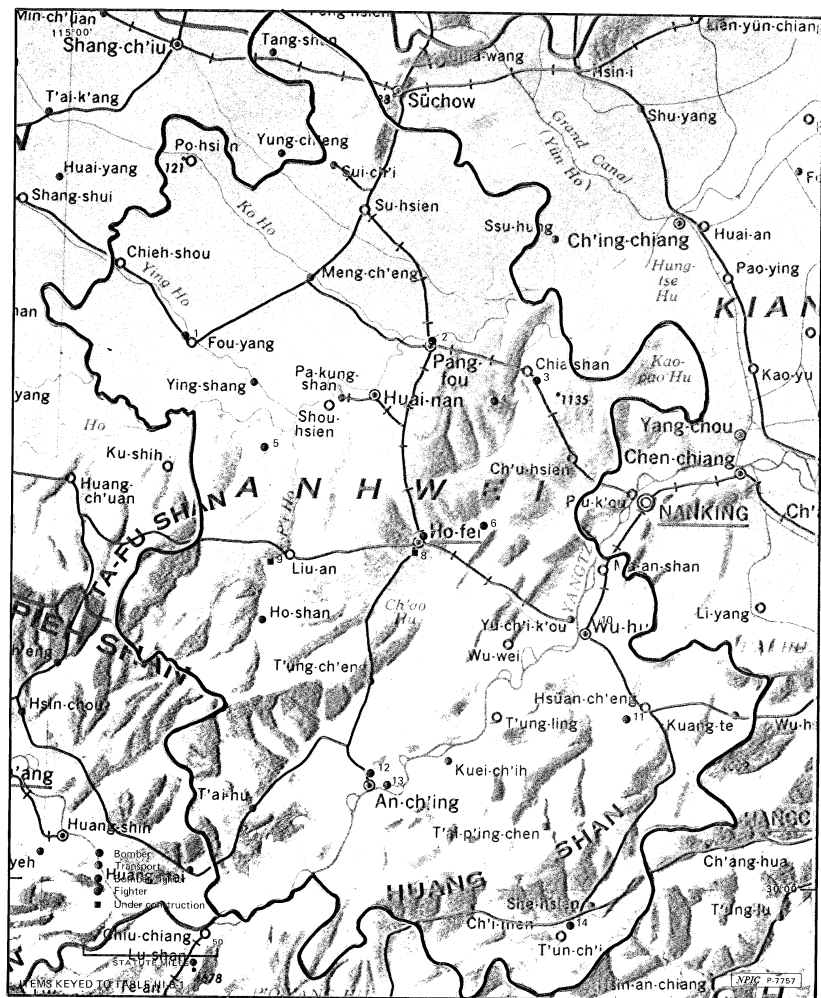


FIGURE III-B-3. AIR ACTIVITY, ANHWEI PROVINCE, CHINA

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GROUND FORCES

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C. Ground Forces Facilities

15. Photography has disclosed major elements of an army-sized force in Anhwei Province. The majority of ground forces installations are concentrated in the areas of Chih-ho/Kuan-tien, Pang-fou, Ho-fei, and Chu-hsien, with division elements identified in each of the areas.

16. In the Chih-ho/Kuan-tien area are an infantry regiment at the Chih-ho Army Barracks and Infantry Division Headquarters AL 3, a probable tank/assault gun regiment at the Chih-ho Army Barracks AL 2, a possible tank/assault gun regiment at the Kuan-tien Army Barracks AL 2 (Figure III-C-1), a possible artillery regiment at the Chih-ho Army Barracks AL 4, and a possible headquarters unit of unknown size at the Kuan-tien Army Barracks AL 1. Also in the Chih-ho/Kuan-tien area is a large combined-arms training area covering approximately 217 square nm and containing training facilities for armor, field artillery, antiaircraft artillery, and aerial bombardment.

17. In the Pang-fou area there is an infantry division headquarters and its subordinate units at the Pang-fou Infantry Division Headquarters and Army Barracks (Figure III-C-2), a ponton bridge regiment at the Pang-fou Ponton Bridge Regiment Headquarters and Barracks AL 2, and an electronics-associated probable battalion-sized unit at the Pang-fou Army Barracks East.

18. In the Ho-fei area there is a possible infantry division headquarters and a AAA unit at the Ho-fei Army Headquarters and Barracks AL 5, a AAA unit of unknown size at the Ho-fei Army Barracks AL 8, a probable AAA battalion at the Ho-fei Army Barracks AL 6, a possible headquarters unit of unknown size and function at the Ho-fei Army Barracks AL 7, and a possible military school at the Ho-fei Army Barracks AL 4.

19. In the Chu-hsien area there is an infantry division with the headquarters and three subordinate infantry regiments at the Chu-hsien Infantry Division Headquarters and Army Barracks AL 1. The subordinate tank/assault gun regiment is at the Chu-hsien Army Barracks South AL 2.

20. In addition to the installations concentrated in the previously mentioned areas, an artillery unit of unknown size is at Wu-hu Army Barracks, and five other installations scattered around the province house units of unknown size and function.

21. All ground forces installations are listed in Table III-C-1 and keyed to Figure III-C-3.

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Table III-C-1. Ground Forces, Anhwei Province, China
(Keyed to Figure III-C-3)

Item	Installation Name/ BE/Coordinates	Size/Function	Latest Ground Forces Equipment Observed & Date	Remarks
1	Pang-fou Pon Bridge Regt Hq & Bks AL 2 [redacted] 32-57-24N 117-23-47E	Ponton bridge regiment	[redacted] 14 TPP center sections 10 TPP end sections 3 poss ponton carriers	River crossing equipment has been observed consistently at this installation [redacted]
2	Pang-fou Army Bks East [redacted] 32-56-30N 117-24-55E	Prob battalion sized unit (electronics associated)	[redacted] 3 prob van trucks	Radars and van trucks have been observed at this in- stallation [redacted]

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Table III-C-1 (Continued)

Item	Installation Name/ BE/Coordinates	Size/Function	Latest Ground Forces Equipment Observed & Date	Remarks
3	Panglou Inf Div Hq & Army Bks 32-54-28N 117-19-17E	Infantry division	18 AAA pieces 9 prob ZPU-2 12 FA pieces 4 dummy tanks	
4	Fengyang Army Bks AL 1 32-52-50N 117-33-35E	Ukn		No change in facilities and no equipment have been observed at this installation.
5	Huai-nan Army Bks AL 1 32-38-18N 116-59-55E	Poss headquarters unit		No change in facilities and no equipment have been observed at this installation.
6	Kuan-tien Army Bks AL 1 32-37-20N 118-12-50E	Ukn		No equipment or vehicles have been observed at this installation.
7	Kuan-tien Army Bks AL 2 32-34-50N 118-06-30E	Poss tank/assault gun regiment	7 tanks 28 dummy tanks	The highest OB observed was 14 confirmed tanks, 46 prob tanks, 10 field artillery pieces, 36 AAA pieces, and 86 trucks.
8	Chih-ho Army Bks AL 2 32-30-40N 118-01-40E	Prob tank/assault gun regiment	20 tanks 5 AAA pieces	The highest armor count was 22 tanks.
9	Chih-ho Army Bks AL 3 32-31-00N 117-57-20E	Infantry regiment	5 cargo trucks	Small numbers of cargo trucks and AAA pieces have been frequently observed at this installation.
10	Chih-ho Army Bks AL 4 32-27-20N 118-03-50E	Poss artillery regiment	6 FA pieces 4 howitzers 7 mortars	The highest OB observed was 25 FA pieces and 35 trucks on item 11, above.
11	Chih-ho Inf Div Hq & Army Bks AL 1 32-20-17N 118-20-08E	Infantry division	16 cargo trucks	This installation consists of three infantry regiments, and division support areas. The tank/assault gun regiment (item 12, below) is separately located.
12	Chih-ho Army Bks AL 2 32-17-08N 118-19-00E	Tank/assault gun regiment	4 37mm AAA pieces	The highest armor count was 11 tanks. This is the tank/assault gun regiment of the infantry division, in item 11, above.
13	Ho-fei Army Bks AL 8 31-53-50N 117-16-15E	AAA unit	18 AAA pieces	
14	Ho-fei Army Bks AL 7 31-51-47N 117-18-39E	Poss headquarters unit	36 AAA pieces	No equipment has been observed at this installation since Apr 69.
15	Ho-fei Army Bks AL 6 31-51-11N 117-07-00E	Prob AAA battalion	18 AAA pieces	AAA has been observed at this installation since.
16	Ho-fei Army Hq AL 5 31-50-10N 117-10-35E	Poss infantry division with AAA battalion	32 AAA pieces	The highest number of AAA pieces observed was 58.
17	Ho-fei Army Bks AL 4 31-50-10N 117-17-13E	Poss military school		No equipment has been observed at this facility. The type bldgs observed suggest a poss military school.
18	Tu-shun-chen Army Bks AL 2 31-35-30N 116-08-40E	Ukn		No vehicles or equipment have been observed at this installation since it was first identified on photo.
19	Hu-shu-chung Army Bks AL 1 31-35-20N 116-06-40E	Ukn		No vehicles or equipment have been observed at this installation since it was first identified on photo.
20	Wu-hu Army Bks AL 1 31-24-15N 118-21-00E	Artillery unit	6 FA pieces	Field artillery has been observed consistently at this installation on past coverage.
21	Kuang-te Army Bks AL 1 30-56-10N 119-18-35E	Ukn	19 cargo trucks	There has been no significant change to the facility since it was first identified on photo.

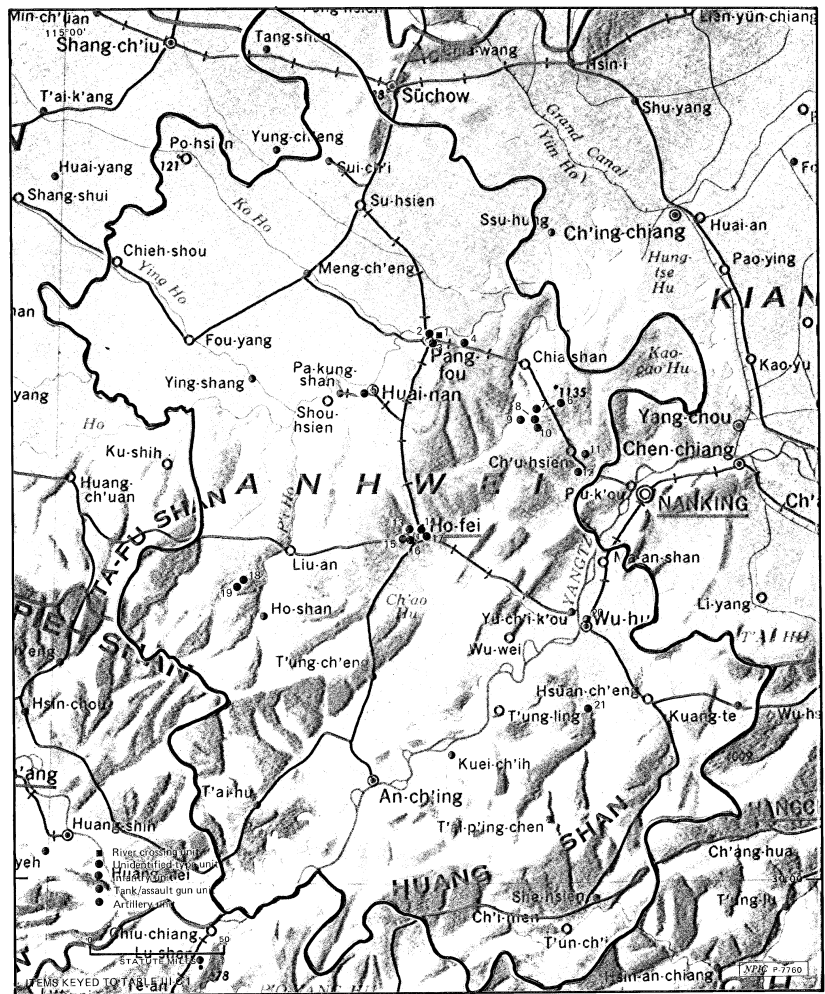


FIGURE III-C-3. GROUND FORCES, ANHWEI PROVINCE, CHINA

NAVAL

D. Naval (Figure III-D-2 and Table III-D-1)

22. The Yangtze River flows through the central area of the province from southwest to northeast and meets with the Yin-tso River, Ching-i River, and Shuiyang River in the vicinity of Wu-hu. Wu-hu has two shipyards and fairly extensive port facilities. Wu-hu Shipyards (Figure III-D-1) is engaged in the construction of HOKU PTG, HOMA PTG, barges, ferries, powerboats, and miscellaneous auxiliaries. Wu-hu Shipyards North is engaged in the construction of barges, ferries, and other civilian-related craft. The Wu-hu Port Facilities include eight ponton wharves, seven piers, one railroad pier, five conveyors, a bulk coal loading facility, one floating jib crane, and two open storage areas that contain crated cargo, lumber, and bulk storage. The facility primarily handles crated cargo and the transfer of coal. The two shipyards and the port facilities are all in the western part of the city of Wu-hu on the east bank of the Yangtze River.

Table III-D-1. Naval Activity, Anhwei Province, China
(Keyed to Figure III-D-2)

Item	Installation Name/ BE/Coordinates	Latest Naval OB Observed & Date	Remarks
1	Wu-hu Port Facilities Yangtze River 31-20-15N 118-21-07E	Various river craft	The facility primarily handles crated cargo and the transfer of coal.
2	Wu-hu Shipyards North 31-21-41N 118-20-58E	6 barges 4 tugs 4 passenger vessels 12 ucon 1 cargo ship 8 small river craft	This shipyard is engaged in the construction, fitting out, and repair of various civilian-related river craft.
3	Wu-hu Shipyards 31-21-07N 118-21-02E	4 HOKU (2 ucon) 1 HOMA 3 YAG 1 AG (fitting out) 18 BMK 150 12 ferries (4 ucon) 1 tug 12 missile launcher covers (in yard)	This shipyard is engaged in the construction of HOKU PTG, HOMA PTG, and various river craft.
4	Taungyang Naval Fac 30-41-30N 117-14-20E	1 PB 3 LCM	This facility contains a construction hall, machine shops, and a launchway; but the type vessels produced here is unknown.

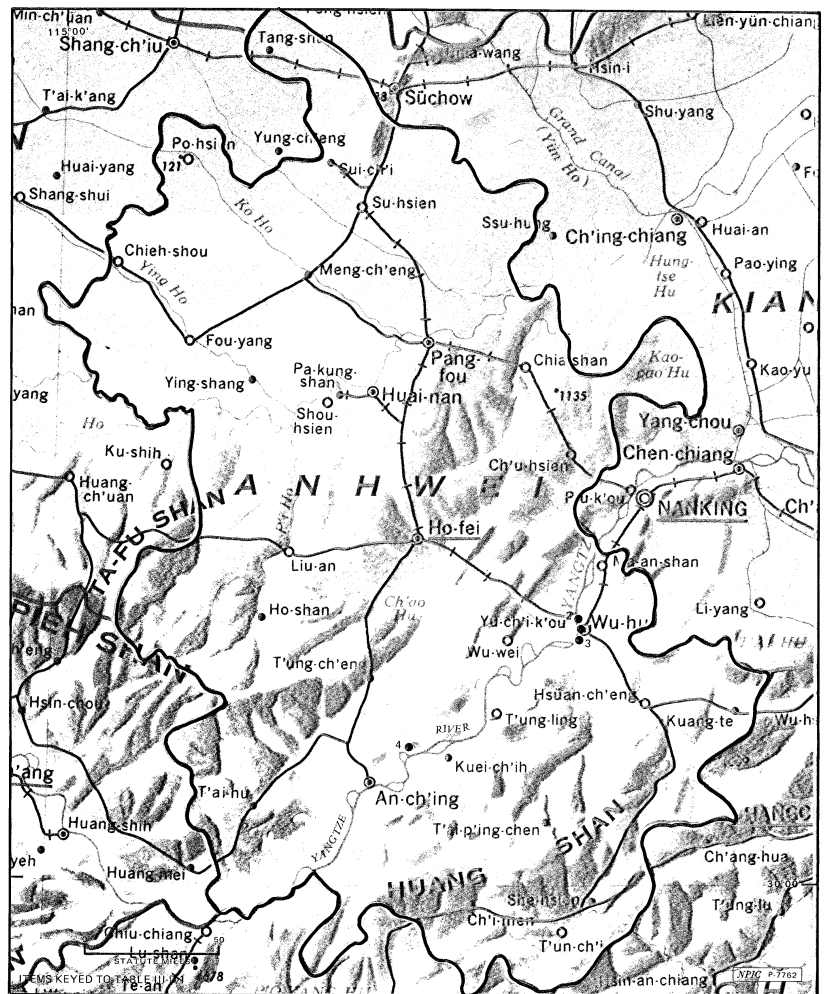


FIGURE III-D-2. NAVAL ACTIVITY, ANHWEI PROVINCE, CHINA

ELECTRONICS

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23. Electronics activity in Anhwei Province includes three air warning radar facilities, three possible electronics sites, and one probable space tracking facility. The probable space tracking facility, at Liu-an, is discussed in the missiles section of this report. The Pang-fou Airfield AW Radar Facility is shown in Figure III-E-1.

24. Liu-an Suspect Radar Plant is discussed in the section on industry.

25. Communications activity consists of four confirmed and three probable radrel stations. The Liu-an HF Communications Facility is shown in Figure III-E-2. Additional communications facilities are listed in Table III-E-1 along with descriptive data concerning each facility.

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Table III-E-1. Electronics Facilities, Anhwei Province, China
(Keyed to Figure III-E-3)

Item	Installation Name/ BE/Coordinates	Latest Electronic Order of Battle Observed and Date	Remarks
1	Pang-fou Aflid AW Radar Fac 32-54-30N 117-20-42E	1 conf CROSS LEGS 1 prob ROCK/STONE CAKE	
2	Wu-hu AW Radar Fac 31-23-3-N 118-22-10E	1 prob MOON CONE	
3	Feng-yang AW Radar Fac 32-53-15N 117-32-40E	1 TOKEN-TYPE RADAR 1 VAN TRUCK 1 VAN	

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Table III-E-1 (Continued)

Item	Installation Name/ BE Coordinates	Latest Electronic Order of Battle Observed and Date	Remarks
4	Fei-hsi Underground Telecommunications 31-43-05N 117-00-00E Ho-fai RADREL Sta Bnk	None discernible	Tunnels observed under construction Cable scars lead to and from the tunnel area.
5	31-50-00N 117-10-10E Tung-cheng Prob RADREL Sta	1 boss dish antenna	Bunkered bldg with five vents. Ad- jacent support area.
6	31-07-30N 116-43-15E Tao-chen RADREL Sta Bnk	None discernible	Bldg with five prob vents and an adjacent support area.
7	31-42-54N 117-34-00E	None discernible	Bunkered bldg with two openings oriented in an east-northeast/west- southwest direction, two revised post control bldgs, and a support area.
8	31-48-58N 118-13-52E Liu-an Prob RADREL Sta Bnk	None discernible	Bunkered bldg oriented northeast/ southwest, prob control bldg, two adits, and a support area.
9	31-22-20N 116-36-40E Ma-an-shan RADREL Sta Bnk	None discernible	Bunkered bldg with openings to the northeast and west and a support area.
10	31-41-10N 115-59-30E Fei-hsi Prob RADREL Sta Bnk	None discernible	Bunker oriented north/northeast/ north/northeast, two tunnel en- trances, and a support area.
11	31-42-35N 117-00-39E Hua-kung RDO Comm Sta	Facility contains a self- supporting lattice tower	On a ridge line just north of the tower are four concrete pads connected by a road.
12	30-53-10N 119-12-10E Ho-fai RADCOM Sta	Antenna field consist- ing of seven HF horizon- tal dipoles.	
13	31-50-05N 117-19-20E Liu-an HF Commo Fac	Two rhombic antennas and one 3-2-2-3 FISHBONE antenna.	
14	31-38-27N 116-08-10E Pang-fu HF Commo Fac	Two horizontal dipoles and five unit stick masts.	
15	32-57-05N 117-22-35E Mao-tan-chang Poss Elico Fac	None discernible	Three elevated, circular, cleared areas
16	31-19-55N 116-37-30E Chao-hsien Poss Elico Fac	Unid secured tower	Small, secured support area.
17	31-23-30N 117-46-10E Han-shan Poss Telecom Cntl Sta	None discernible	Situated along the east-west segment of the underground telecom network.
18	31-41-15N 117-56-40E Shih-tang-chiao Poss Elico Site	None discernible	Adjacent to Shih-tang-chiao Airfield
19	31-53-50N 117-41-50E Tang-kou Poss Commo Fac	None discernible	
20	33-08-05N 118-10-05E Su-hsien MF XMTR	Two guyed masts, one prob guyed mast.	
21	33-37-50N 116-58-20E Ho-fai AM XMTR	Three lattice mast ver- tical radiators with ground plane reflectors.	Support area contains a prob tuning bldg and a control/transmitter bldg.
22	31-50-30N 117-17-50E Hui-nan TV XMTR	Self-supporting lattice tower.	Support area contains a transmitter bldg and a control bldg.
23	32-36-57N 117-00-28E Huang-wang-cheng TV XMTR	Self-supporting lattice tower.	One control bldg
24	33-59-30N 116-47-10E		

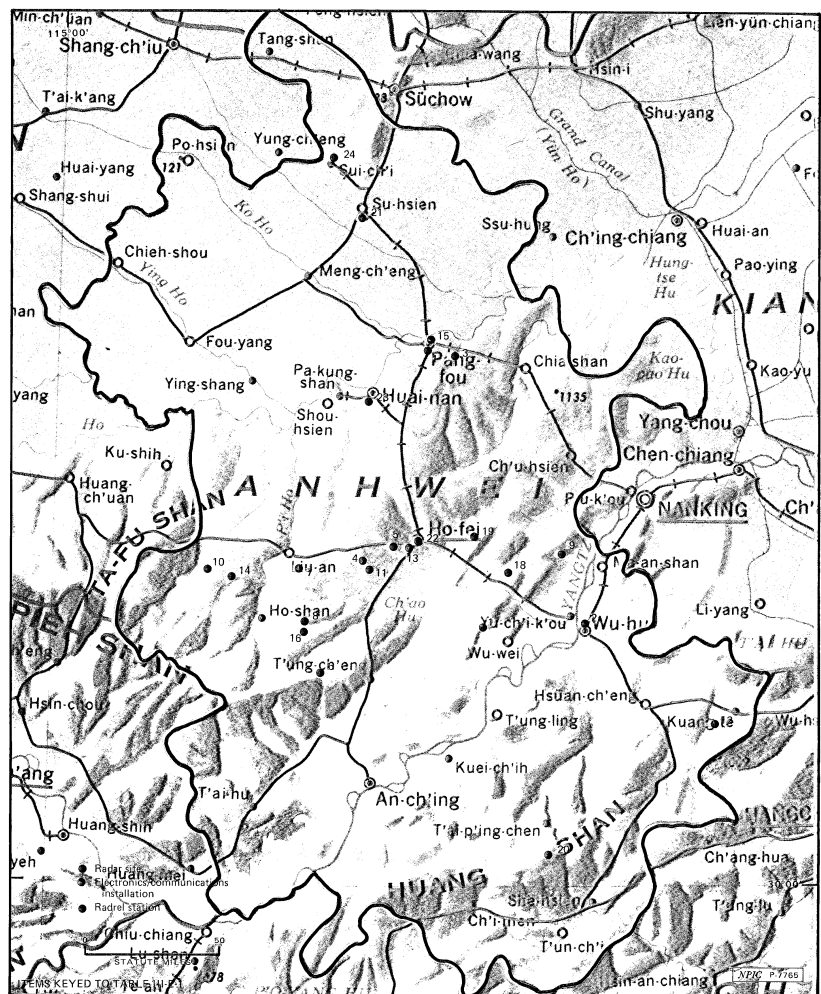


FIGURE III-E-3. ELECTRONICS FACILITIES, ANHWEI PROVINCE, CHINA

INDUSTRIAL

TOP SECRET RIJFF

25X1

25X1

F. Industrial

26. Industrial activity in Anhwei Province (Table III-F-1, keyed to Figure III-F-2) includes the production of steel, iron, copper, aluminum, chemicals, chemical fertilizer, explosives, textiles, and cement; diesel engines, agricultural implements, mining machinery, motor vehicles, and small arms; and the mining of various ores. The Ho-fei Motor Vehicle Assembly Plant is shown in Figure III-F-1.

27. In July 1971 [] two unidentified radars which resemble type-A/B yagi radars were observed at Liu-an Suspect Radar Plant. On the most recent coverage of the facility, June 1973 [] 15 van trucks, a truck-mounted crane, and numerous truck chassis were observed.

25X1

25X1

25X1

TOP SECRET RIJFF

25X1

25X1

TOP SECRET RIIEF

Table III-F-1. Industrial Activity, Anhwei Province, China
(Keyed to Figure III-F-2)

Item	Installation Name	Geographic Coordinates	Present Status
1	Ho-fei Aluminum Plant	31-57-05N 117-16-05E	Ucon
2	Tung-ling Copper and Chem Ftlzr Plant	30-55-30N 117-46-30E	Opr
3	Nan-ling Iron Plant	30-55-44N 118-18-25E	Opr
4	Shou-hsien Iron Plant	32-38-30N 116-50-40E	Opr
5	Ho-fei Iron Plant	31-50-00N 117-21-40E	Opr
6	Wu-hu Iron and Steel Plant	31-19-05N 118-24-10E	Externally complete
7	Ho-fei Casting and Forging Plant	31-49-28N 117-15-10E	Opr
8	Ho-fei Steel Products Plant	31-50-57N 117-20-14E	Opr
9	Ma-an-shan Iron and Steel Plant	31-43-36N 118-29-20E	Opr
10	Ho-shan Chemical Plant	31-31-20N 116-11-20E	Externally complete
11	Chang-tsun Chem Fert Plant	30-57-20N 117-56-40E	Opr
12	Tang-tu Chem Fert Plant	31-32-45N 118-28-35E	Opr
13	Hsuan-cheng Chem Fert Plant	30-58-00N 118-44-50E	Opr
14	Chao-hsien Chem Fert Plant	31-35-00N 117-50-45E	Opr
15	Ho-fei Chem Fert Plant	31-49-14N 117-15-10E	Opr
16	An-ching Chem Fert Plant	30-32-15N 117-04-10E	Opr
17	Huai-nan Chem Fert Plant	32-38-16N 116-57-14E	Opr
18	Wu-hu Nitrogen Fert Plant	31-18-55N 118-23-40E	Opr
19	Shou-hsien Poss Limestone Plant	32-42-20N 116-44-10E	Opr
20	Hsiang-wang-chen-tzu Cmmt Plt	34-00-30N 116-49-10E	Opr
21	Lin-tou Cement Plant	31-29-45N 118-00-02E	Opr
22	Chao-hsien Cement Plant	31-37-20N 117-50-10E	Opr
23	Hsiao-tang Ind Area	29-43-20N 118-03-40E	Ucon
24	Kung-ling Ind Area South	30-01-20N 118-32-30E	Opr
25	Chang-tsun Ind Area	30-56-10N 118-00-50E	Ucon
26	Chih-te Ind Area	30-06-05N 116-55-50E	Ucon
27	Hsi-kuan Heavy Fab Ind	30-25-22N 117-36-40E	Opr
28	Yueh-hsi Poss Research Fac	30-56-55N 116-22-50E	Opr
29	Liu-an Suspect Radar Plant	31-45-45N 116-31-10E	Opr
30	Fo-szu-ling Fab Ind	31-26-00N 116-10-35E	Externally complete
31	Lu-chiao-chung Ind Area	31-24-30N 116-07-25E	Externally complete

TOP SECRET RIIEF

Electric Power

28. Eight thermal powerplants and five hydro powerplants (Table III-F-2, keyed to Figure III-F-4) have been identified in Anhwei Province. Twelve of the powerplants are operational. Ching-hsien HPP Chen-tsun is still under construction. In addition three electric substations have been identified. The Ho-shan Hydroelectric Powerplant Fou-tzu-ling is shown in Figure III-F-3.

Table III-F-2. Electric Power, Anhwei Province, China
(Keyed to Figure III-F-4)

Item	Installation Name	Geographic Coordinates	Present Status
1	Tun-shang-yeh TPP	30-37-10N 117-41-10E	Opr
2	Tung-ling TPP	30-52-50N 117-45-30E	Opr
3	Huai-nan TPP	32-40-09N 117-01-22E	Opr
4	Ching-chiao-ling TPP	30-14-00N 116-17-30E	Opr
5	Su-hsien TPP Huai-pei	33-39-28N 116-58-30E	Opr
6	Wu-hu TPP Ssu-ho Shan	31-26-19N 116-20-36E	Opr
7	Ho-fei TPP	31-54-37N 117-14-43E	Opr
8	Ma-an-shan TPP	31-43-31N 116-27-35E	Opr
9	Tu-shan HPP A Dam Hsiang-hung-tien	31-33-12N 116-08-36E	Opr
10	Yangchia-tan HPP and Dam Mei Shan	31-42-10N 115-53-50E	Opr
11	Ho-shan HPP Fou-tzu-ling	31-20-20N 116-16-28E	Opr
12	Ching-hsien HPP Chen-tsun	30-25-43N 118-10-58E	Ucon
13	Mo-tzu-tan HPP	31-14-00N 116-21-00E	Opr
14	An-ching Electric Substation	30-33-45N 117-04-40E	Externally complete
15	Wu-hu Electric Substation	31-22-30N 118-21-43E	Opr
16	Chien-shan Electric Substation	30-39-20N 116-33-20E	Opr

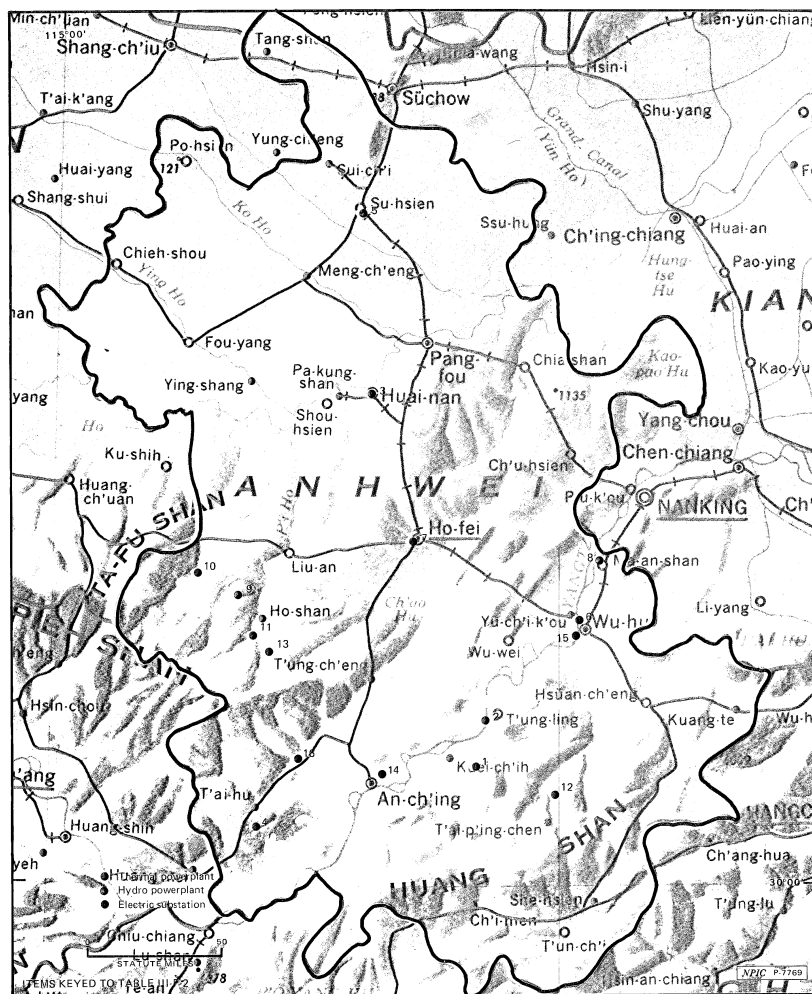


FIGURE III-F-4. ELECTRIC POWER, ANHWEI PROVINCE, CHINA

Mining

29. Coal, iron ore, copper ore, aluminum ores, limestone, alum, asbestos, kaolin, and graphite are mined in Anhwei. Coal is mined in the Huai-nan area, iron ore near Ma-an-shan, copper in the Yangtze Valley area around Tung-ling, and aluminum ores near Lu-chiang. The Ta-tien-tang Ore Concentration Plant (Figure III-F-5) is typical of ore concentration plants associated with mining activity in Anhwei Province. Mining activity is listed in Table III-F-3, keyed to Figure III-F-6.

Table III-F-3. Mining Activity, Anhwei Province, China
(Keyed to Figure III-F-6)

Item	Installation Name	Geographic Coordinates	Present Status
1	Chiao-tzu-fan Mng Area	30-24.05N 117-35-20E	Opr
2	Chang-tsun Mng Acty	30-52-30N 118-01-15E	Opr
3	Lung-wang-ping Mng Area	31-01-00N 116-26-40E	Opr
4	Yin chia-hui Mng Complex	30-27-30N 117-17-30E	Opr
5	Sui-chi Mng Area	33-55-00N 116-46-00E	Opr
6	Huang-ni-ho Mng Complex	31-05-40N 117-25-10E	Opr
7	Shou-hsen Coal Mine	32-39-45N 116-49-30E	Opr
8	Ta-tien-tang Ore Concentration Plant	31-39-20N 118-35-30E	Opr
9	Tang-tu Ore Concentration Plant	31-35-25N 118-31-15E	Opr
10	Sui-chi Prob Ore Concentration Plant	33-52-20N 116-49-00E	Icon

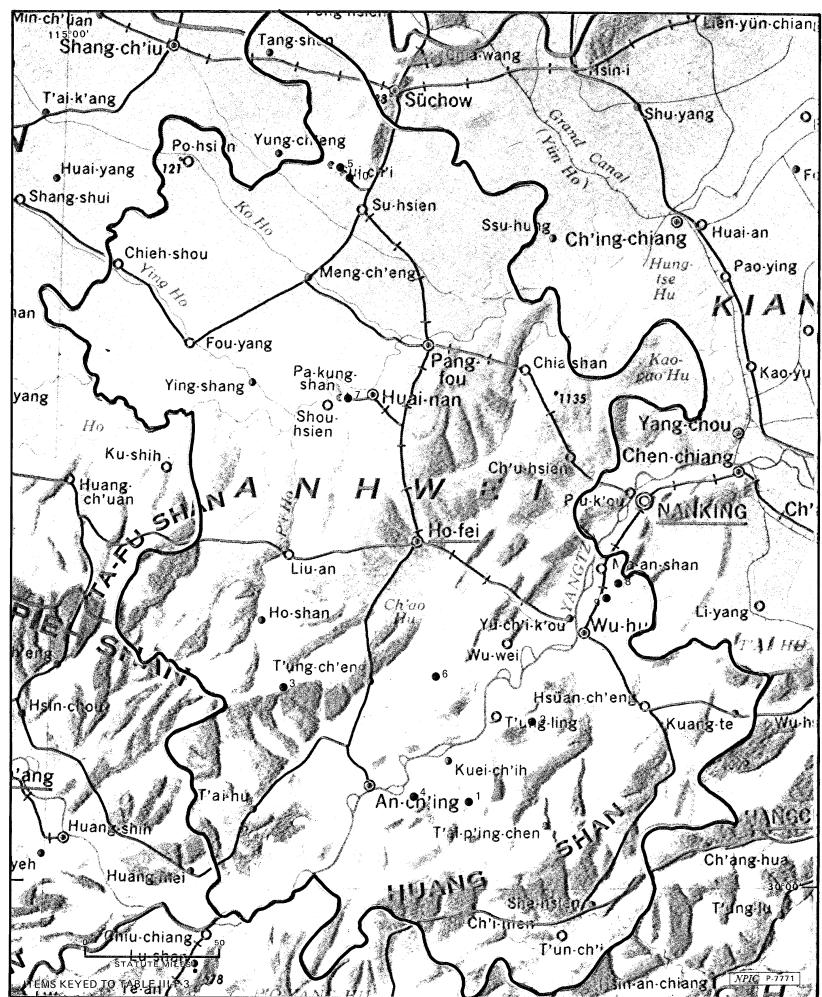


FIGURE III-F-6. MINING ACTIVITY, ANHWEI PROVINCE, CHINA

STORAGE

TOP SECRET RUFF

25X1

25X1

G. Storage

30. Numerous storage areas (Tables III-G-1, 2, 3, and 4, keyed to Figure III-G-3) for several types of materiel have been identified in Anhwei Province: 13 areas and depots for general storage, six explosives storage areas, nine ammunition storage areas, and 13 areas for petroleum and petroleum products storage. Hsuan-cheng Ammunition Depot LL 1 (Figure III-G-1) and Liu-an Ammunition Storage Area (Figure III-G-2) are typical of dispersed ammunition storage in Anhwei Province.

25X1

TOP SECRET RUFF

25X1

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TOP SECRET RUFF

25X1

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*Table III-G-1. Storage (Ammo), Anhwei Province, China
(Keyed to Figure III-G-3)*

Item	Installation Name	Geographic Coordinates
1	Fan-chang Ammo DPO LL 1	31-01-35N 118-13-00E
2	Kuan-tien Stor Area LL 3	32-37-15N 118-14-25E
3	Liu-an Ammo Stor Area	31-35-20N 116-21-35E
4	Kao-tsun Ammo DPO LL 1	30-51-57N 118-56-37E
5	Chiang-kou Ammo DPO LL 1	30-49-49N 118-57-03E
6	Hsuan-cheng Ammo Depot LL 1	30-50-27N 118-42-59E
7	Nan-ling Ammo DPO LL 1	30-56-15N 118-02-52E
8	Ting-yuan Ammo Depot LL 1	32-39-15N 117-27-00E
9	Chiang-kou Ammo Stor Area	30-47-30N 119-00-00E

25X1

*Table III-G-2. Storage Facilities (General), Anhwei Province, China
(Keyed to Figure III-G-3)*

Item	Installation Name	Geographic Coordinates
1	Hsuan-cheng Stor Fac	31-02-00N 118-38-50E
2	Tzu-lai-chiao Stor DPO	32-45-50N 118-27-00E
3	Hsuan-cheng Stor Depot	30-54-00N 118-44-55E

25X1

TOP SECRET RUFF

25X1

25X1

Table III-G-2 (Continued)

Item	Installation Name	Geographic Coordinates
4	Tang-tu Stor Area	31-28-25N 118-32-30E
5	Tun-chi Stor Area LL 1	29-45-40N 118-21-20E
6	Lin-tou Post Stor Area	31-33-09N 117-57-30E
7	Ching-hsien Stor Area	30-36-17N 118-24-50E
8	Tzu-lai-chiao Stor Area	32-48-10N 118-19-00E
9	Ning-kou Stor Area	30-35-10N 118-56-55E
10	Pang-fou Stor DPO LL 1	32-55-50N 117-19-50E
11	Pai-shih-lung Stor Area	30-18-30N 117-51-50E
12	Wu-tien Care Stor Area	32-40-28N 117-19-55E
13	Pai-tou Stor Area	30-00-59N 116-19-30E

Table III-G-3. Storage (Explosives), Anhwei Province, China
(Keyed to Figure III-G-3)

Item	Installation Name	Geographic Coordinates
1	Chao-hsien Expl Stor Area	31-38-30N 117-49-40E
2	Ho-fei Expl Stor Area	31-56-20N 117-19-05E
3	Tang-tu Expl Stor Area	31-28-10N 118-29-45E
4	Tai-hien-tang Expl Stor East	31-40-00N 118-37-40E
5	Tai-hien-tang Expl Stor Area	31-39-40N 118-30-35E
6	Sui-chi Expl Stor Area	33-53-15N 116-50-30E

Table III-G-4. Storage (POL), Anhwei Province, China
(Keyed to Figure III-G-3)

Item	Installation Name	Geographic Coordinates
1	Tan-shan POL Stor	34-24-55N 116-19-40E
2	She-hsien POL Stor	29-51-10N 118-24-10E
3	Tung-ling POL Stor PUG	30-51-20N 117-44-00E
4	Chao-hsien POL Stor	31-35-50N 117-52-05E
5	Yueh-hsi POL Stor	30-51-10N 116-19-15E
6	Chien-shan POL Stor	30-38-35N 116-33-25E
7	Liu-an POL Stor Area	31-46-10N 116-32-20E
8	Ma-an-shan Pet Prds Stor	31-43-51N 118-30-50E
9	Wu-hu Pet Prds Stor	31-22-37N 118-21-01E
10	Fan-chang POL Stor PUG	31-04-30N 118-07-01E
11	Pang-fou Pet Prds Stor 1	32-56-33N 117-23-41E
12	Hsuan-cheng POL Stor Area	30-59-02N 118-44-35E
13	Ho-fei Pet Prds Stor	31-48-51N 117-14-29E

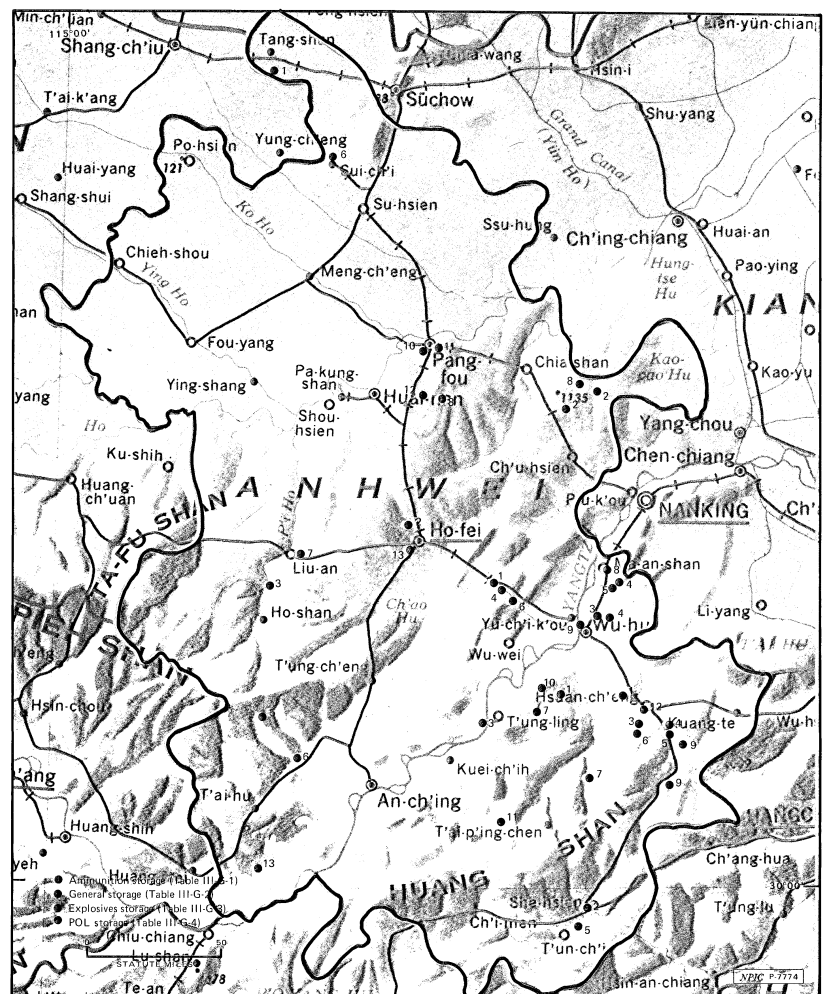


FIGURE III-G-3. STORAGE FACILITIES, ANHWEI PROVINCE, CHINA

TRANSPORTATION

H. Transportation

31. Yangtze River navigation is the most important mode of transportation within the province; steamships navigate year-round. Wu-hu is the center of navigation for the steamer navigation lines along the Yangtze River and its tributaries. The railroad ferry on the Yangtze River at Wu-hu is shown in Figure III-H-1. Up the tributaries, Ho-fei, San-ho, Hsuan-cheng, Nan-ling, and Wan-chih can be reached.

32. The long steamboat navigation route on the Wei River is good within the provincial boundary. Pang-pu is the major center of river navigation on the Wei Ho. Through the tributaries of the Wei River, up the Ying River through Fu-yang to Ta-ho of Honan Province, up the Pi River to Ho-shan, and up the Ko River to Ko Yang-these are navigation lines which have been opened in the last decade since the controlling of the Wei River.

33. There are three major trunk railways in the province, Tien-ching/Pu-kou, Huai-nan, and Nan-ching/Wu-hu Railway. Tien-ching/Pu-kou Railway is an important route to neighboring provinces. The Huai-nan Railway passes through the province, connecting the Yangtze River and Huai River and passing through the productive Chao-lide Basin; this is significant to the economic development of this province. The Nan-ching/Wu-hu Railway supplements Yangtze River navigation and has, in recent years, been extended to Tung-ling.

34. Rail construction activity has been observed on recent photography that will connect Wu-hu to the provinces to the south. This would bring in important agricultural and mineral products to the Wu-hu, Ho-fei, and Ma-an-shan industrial areas. Figure III-H-2 shows the main transportation lines through Anhwei Province.

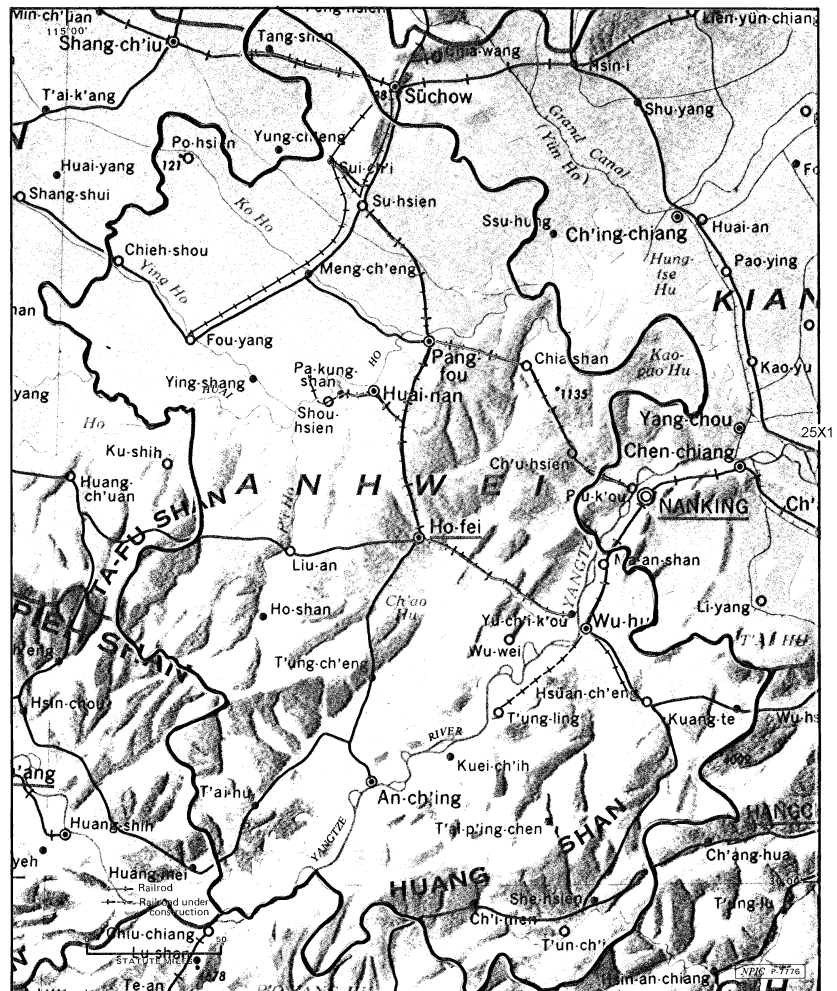


FIGURE III-H-2. TRANSPORTATION FACILITIES, ANHWEI PROVINCE, CHINA

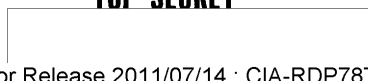
TOP SECRET



25X1



TOP SECRET



25X1